

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IDENTIFICATION OF GENES ALTERED IN MULTIPLE MYELOMA

the specification of which:
(check one)

is attached hereto.

X was filed on May 28, 1996 as
Application Serial No. Not Yet Known
and was amended May 28, 1996
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 (a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International Application which designated at least one country other than the United States, listed below. I have also identified below any foreign application for patent or inventor's certificate, or PCT International Application having a filing date before that of the earliest application from which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

<u>Provisional Application No.</u>	<u>Filing Date</u>	<u>Status</u>

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s), or Section 365(c) of any PCT International Application(s) designating the United States listed below. Insofar as this application discloses and claims subject matter in addition to that disclosed in any such prior Application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which became available between the filing date(s) of such prior Application(s) and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>

And I hereby appoint

John P. White (Reg. No. 28,678); Thomas F. Moran (Reg. No. 16,579); Norman H. Zivin (Reg. No. 25,385); Ivan S. Kavrukov (Reg. No. 25,161); Christopher C. Dunham (Reg. No. 22,031); Thomas G. Carulli (Reg. No. 30,616); Robert D. Katz (Reg. No. 30,141); Peter J. Phillips (Reg. No. 29,691); Richard S. Milner (Reg. No. 33,970); Albert Wai-Kit Chan (Reg. No. 36,479); Kristina L. Konstas (Reg. No. 37,864); Mary Anne P. Tanner (Reg. No. 40,197); Timothy X. Witkowski (Reg. No. 40,232); and Mary Catherine DiNunzio (Reg. No. 37,306)

and each of them, all c/o Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, New York 10036, my attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

Please address all communications, and direct all telephone calls, regarding this application to:

John P. White Reg. No. 28,678
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
Tel. (212) 278-0400

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or
first joint inventor Riccardo Dalla-Favera

Inventor's signature Riccardo Dalla-Favera

Citizenship Italy Date of signature 6/6/96

Residence 445 Riverside Drive, #122, New York, New York 10025

Post Office Address same as residence

Full name of joint
inventor (if any) _____

Inventor's signature _____

Citizenship _____ Date of signature _____

Residence _____

Post Office Address _____

Full name of joint
inventor (if any) _____

Inventor's signature _____

Citizenship _____ Date of signature _____

Residence _____

Post Office Address _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Riccardo Dalla-Favera

U.S. Serial No.: Not Yet Known (Continuation of U.S. Serial No. 08/654,482, filed May 28, 1996)

Filed : Herewith

For : IDENTIFICATION OF GENES ALTERED IN MULTIPLE MYELOMA

1185 Avenue of the Americas
New York, New York 10036
June 1, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

Box: Patent Application

SIR:

ASSOCIATE POWER OF ATTORNEY

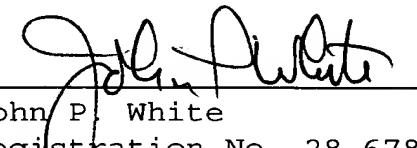
Please recognize Jay H. Maioli (Reg. No. 27,213); William E. Pelton (Reg. No. 25,702); Wendy E. Miller (Reg. No. 35,615); Robert T. Maldonado (Reg. 38,232); Paul Teng (40,837); Richard F. Jaworski (Reg. No. 33,515); Elizabeth M. Wieckowski (Reg. No. 42,226); Pedro C. Fernandez (Reg. No. 41,741); Gary J. Gershik (Reg. No. 39,992); Jane M. Love (Reg. No. 42,812); Spencer H. Schneider (Reg. No. 45,923); and Raymond A. Diperna (Reg. No. 44,063) as associate attorney in connection with the above-identified application.

Applicants: Riccardo Dalla-Favera
U.S. Serial No.: Not Yet Known
Filed: Herewith
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Please direct correspondence to the attorney of record at the following address:

John P. White
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(212) 278-0400

Respectfully submitted,


John P. White
Registration No. 28,678
Attorney for Applicant
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10016
(212) 278-0400

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned,

Riccardo Dalla-Favera of 445 Riverside Drive, #122, New York, New York 10025,
U.S.A

Hereby sell, assign and transfer to The Trustees of Columbia University in the
City of New York a corporation of the State of New York
having a place of business at 116th Street and Broadway
in the County of New York and State of New York, 10027, U.S.A
its successors, assigns and legal representatives, the entire right, title and interest for all
countries, in and to any and all inventions which are disclosed and claimed, and any and all
inventions which are disclosed but not claimed, in the application for United States Patent,
which has been executed by the undersigned on June 6, 1996 and is entitled

IDENTIFICATION OF GENES ALTERED IN MULTIPLE MYELOMA

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all
other applications for U.S. Letters Patent or other related property rights in any and all
foreign countries which have been or shall be filed on any of said inventions disclosed in said
application; and in and to all original and reissued patents or related foreign documents which
have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said
Assignee, the corporation above named, their successors, assigns and legal representatives, in
accordance with this assignment, any and all United States Letters Patent on said inventions
or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 6/6/96 19

Riccardo Dalla-Favera
Riccardo Dalla-Favera

[L.S.]

Witness: Riccardo Dalla-Favera

Riccardo Dalla-Favera
1314 Shatto Lane - B

Date: _____ 19 _____

[L.S.]

Witness: _____

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